Secure ePassport & eID Solution

Emperor Technology Overview

Established in 1995, Emperor Technology has been researching Secure ID and Passport technologies over the past 18 years and has drawn on this experience to develop a comprehensive Secure ID & Passport Solutions.

- Headquarter located in Shenzhen, China.
- Professional technical team of rich Secure ID project experiences.

Official ICAO Vendor of MRTD Products

National Key Innovative Product of China

R&D, Manufacturer

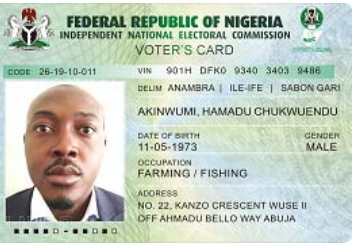
R&D Center

Factory

Every day, Emperor product is delivering

- **ePassport** **> 60,000**
- **Secure ID Card** **> 300,000**
- **SIM Card** **> 1,200,000**
- **ePayment** **> 20,000,000**

Projects Reference



China Citizen ePassport

China Diplomatic ePassport

China 2nd Generation National ID

Nigeria Voters' Card

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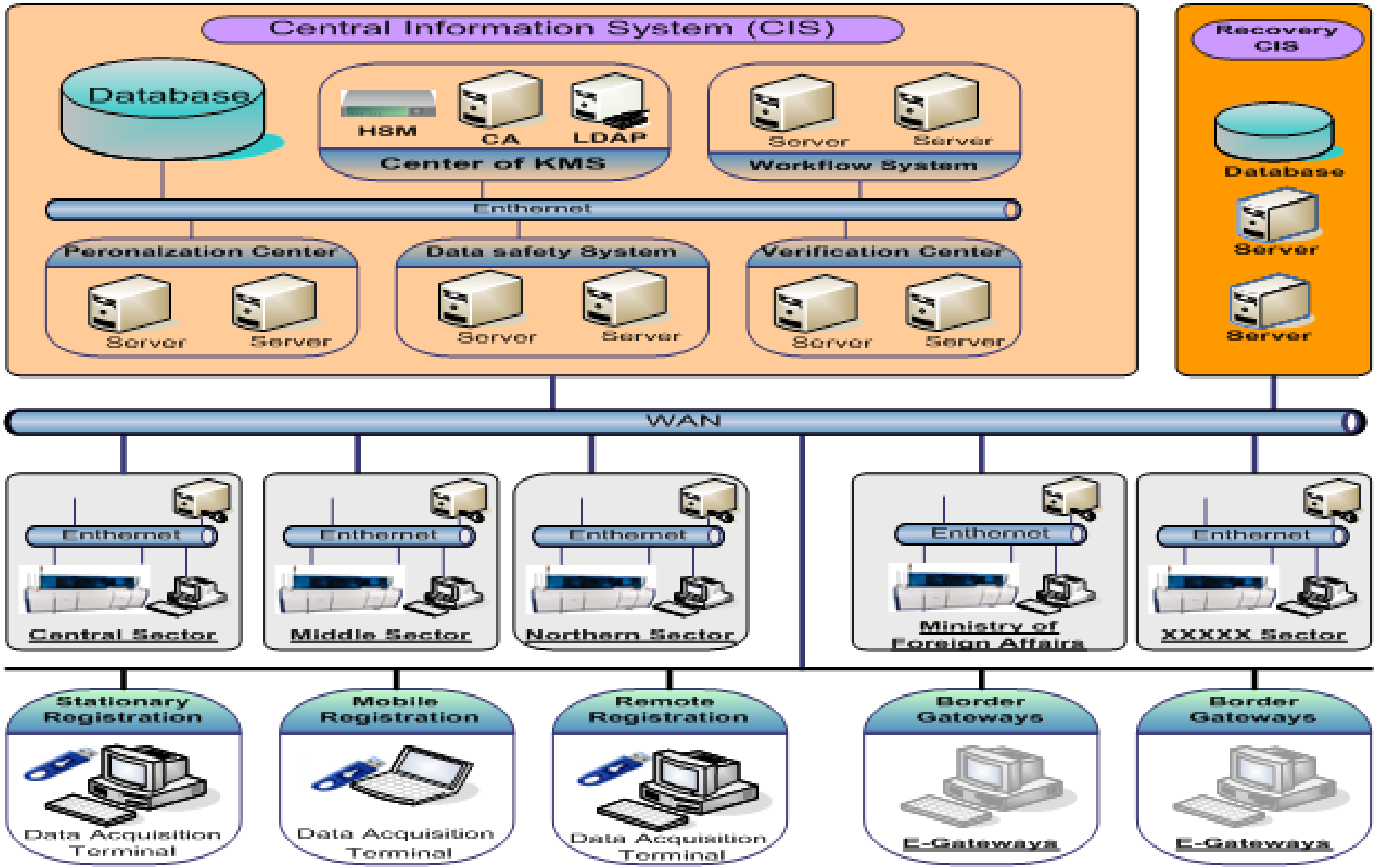
End-to-End ePassport & eID Solution



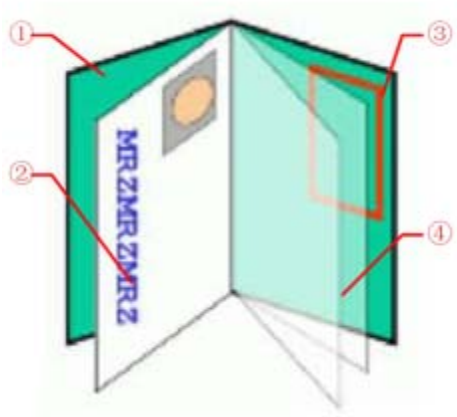
Data Capturing System – Enrollment

- Support the input and validation of application data and allow capturing of biometric information
- Support mobile enrollment for remote stations.
- Highly customizable to meet different customer workflow process requirement

Blank Card / ePassport Booklet Production

Physical Security Features

- Rainbow printing
- Offset mirco-lettering
- Laser perforated serial number
- Distinctive color shift pattern
- Fluorescent printing
- Water mark
- ……



Sample Booklet
①Outer Cover ②Data page
③Chip Inlay ④Inside Security Papers

Chip Inlay

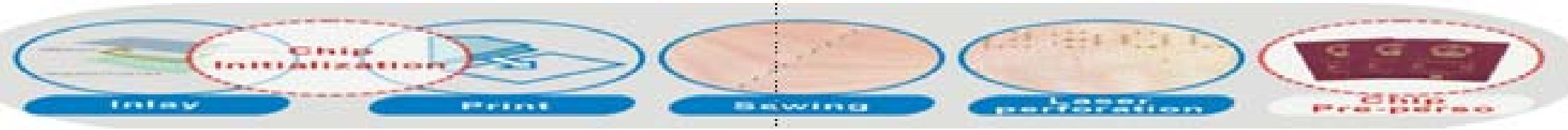
Chip Inlay could customized embedded either in Data Page or in Out Cover as required.

Data Page

- PC , Laser Engraving Processing, or
- Security Paper, Inkjet Printing

Card body Material

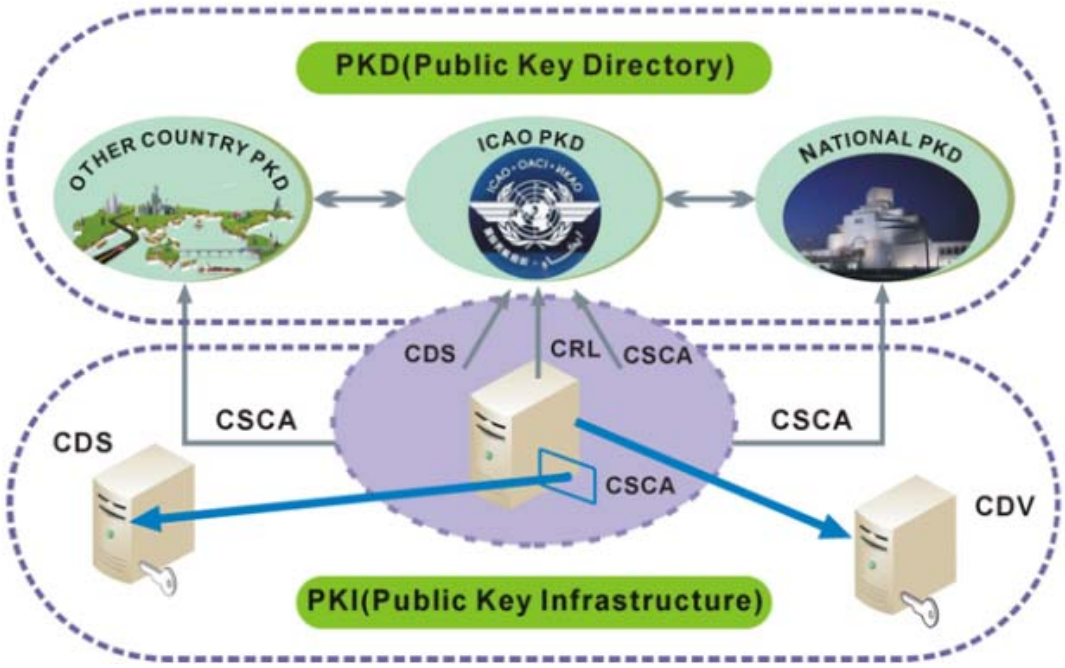
- PC , PET, PETG, PVC

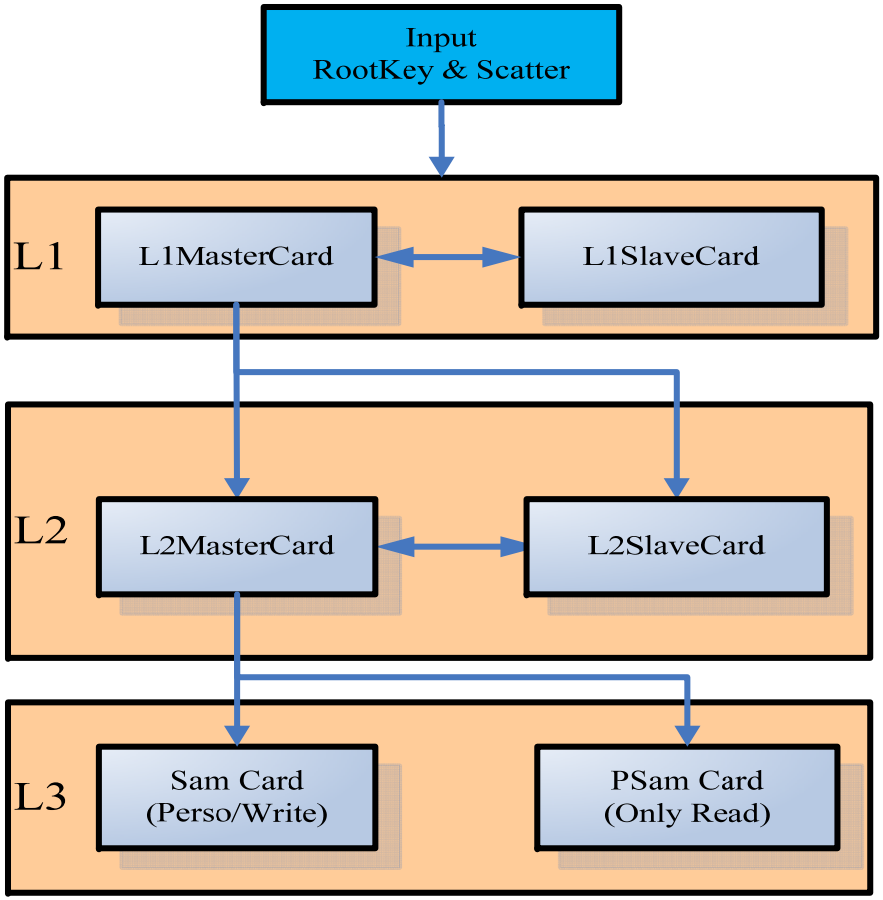


ePassport & eID Personalization System

- Mature eID Issuance Software
- Diverse Perso Machine to support various perso processing

Key Management System





ePassport & eID Application / Verification

Biometric Data

ePassport / eID

eGate

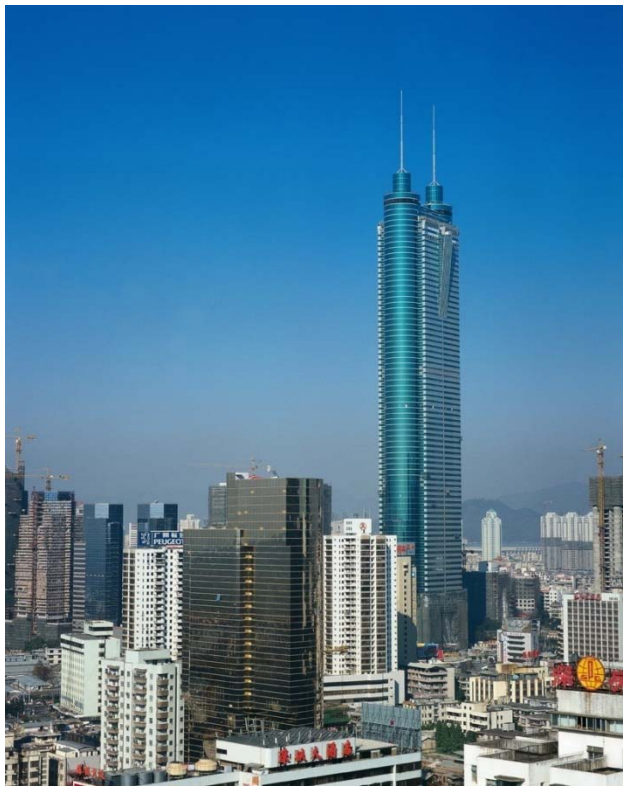
Secure, high speed

Bording Time: reduced to30s

Video Sharing

- ePassport Perso Machine

- Secure ID Card Perso Machine



Welcome to China!

Welcome to Shenzhen!

Welcome to Emperor !